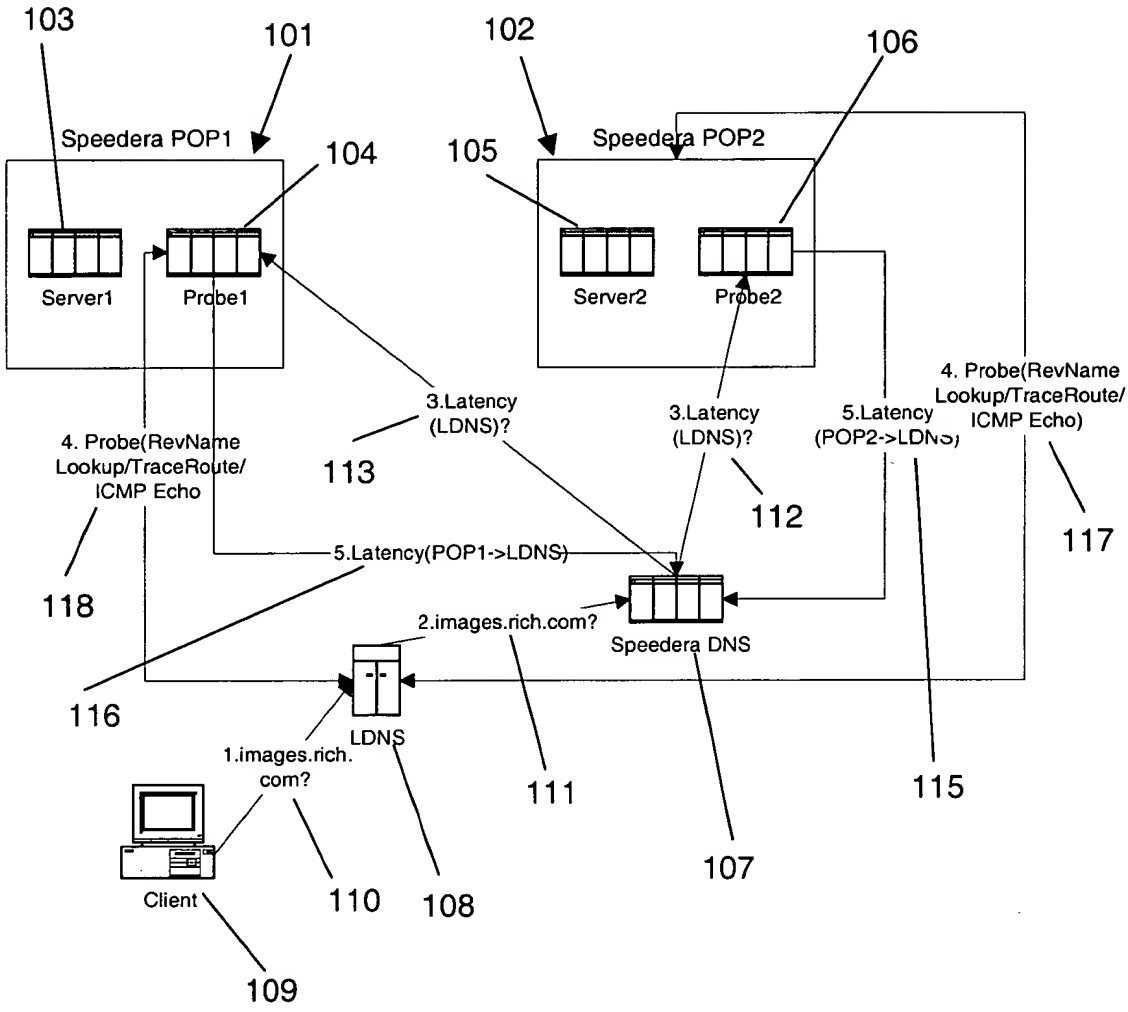
103
101
102
106
Speedera POP1
104
105
Speedera POP2
Server1
Probe1
Server2
Probe2
3.Latency
(LDNS)?
113
3.Latency
(LDNS)?
112
5.Latency
(POP2->LDNS)
4. Probe(RevName
Lookup/TraceRoute/
ICMP Echo)
117
4. Probe(RevName
Lookup/TraceRoute/
ICMP Echo
118
5.Latency(POP1->LDNS)
2.images.rich.com?
Speedera DNS
116
LDNS
1.images.rich.
com?
111
115
107
Client
110
108
109

Fig. 1

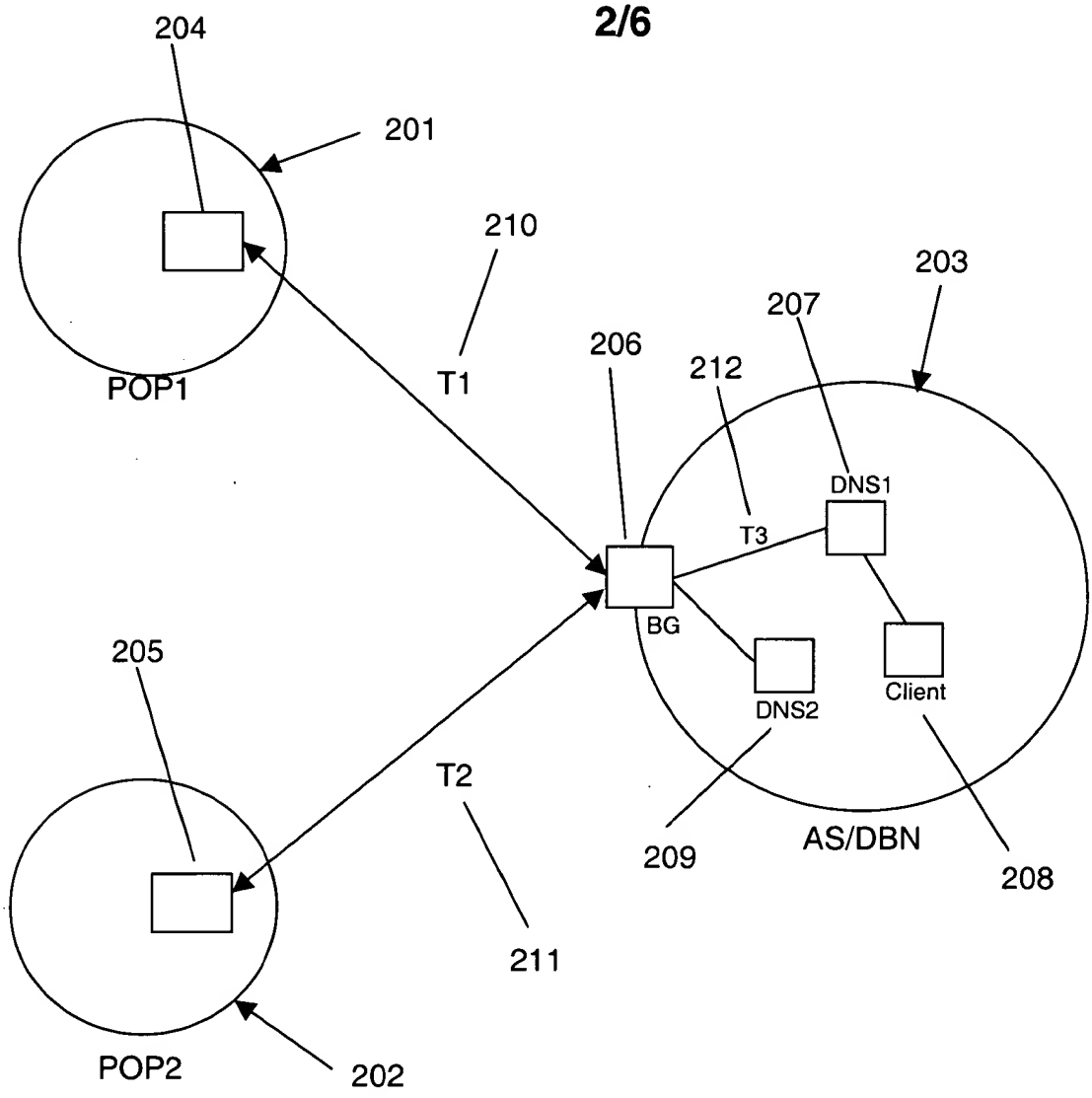
204
201
210
203
207
206
212
POP1
T1
DNS1
T3
BG
DNS2
Client
205
T2
209
AS/DBN
208
211
POP2
202

Fig. 2

301 IP address	302 BGP hop count	303 Trace
4.0.0.0/8	3	10/100ms
10.6.0.0/4	2	8/80ms

Fig. 3

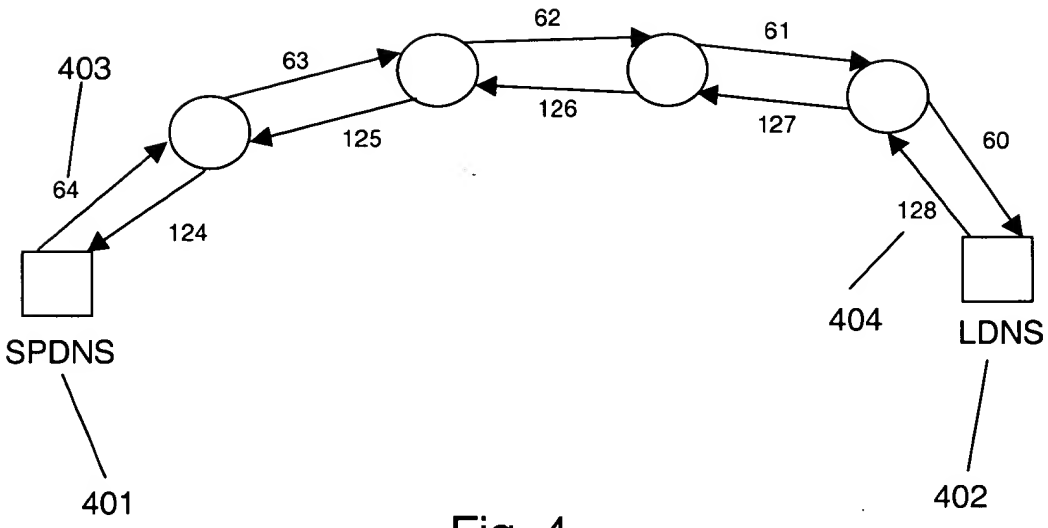

Fig. 4

EP 2 645 650 A1

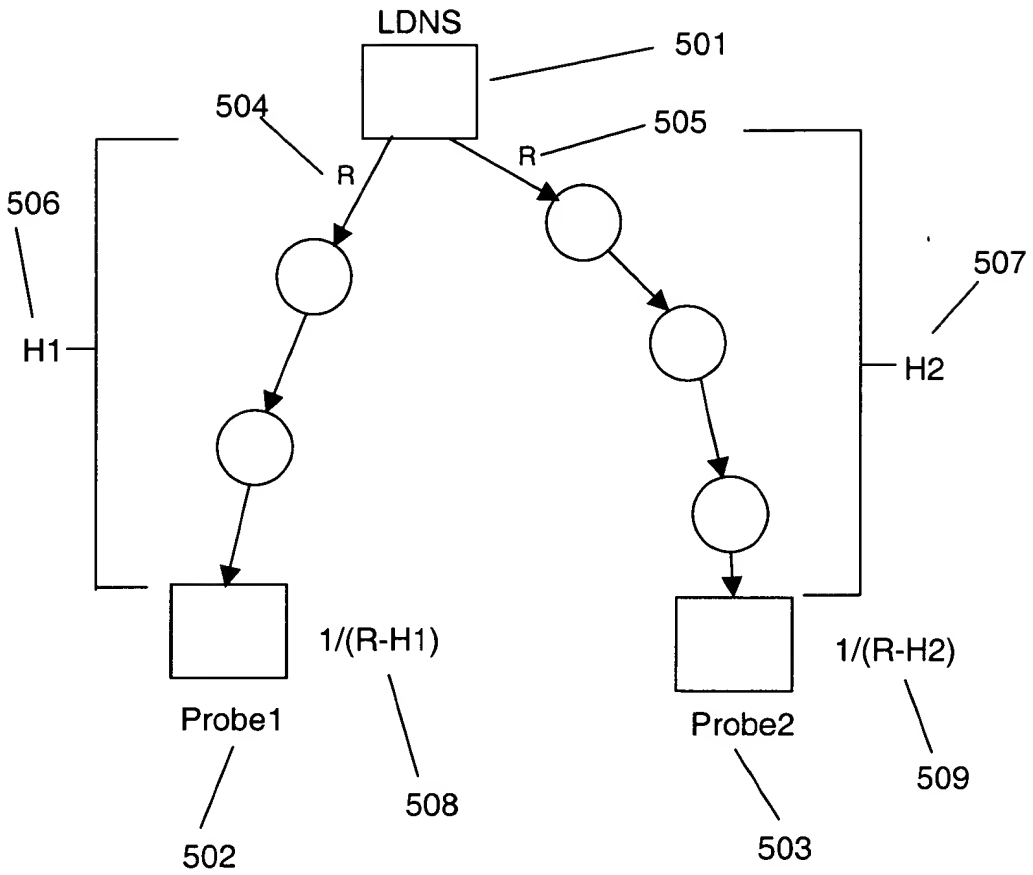
LDNS
501
504
505
R
R
506
507
H1
H2
1/(R-H1)
1/(R-H2)
Probe1
Probe2
508
509
502
503

Fig. 5

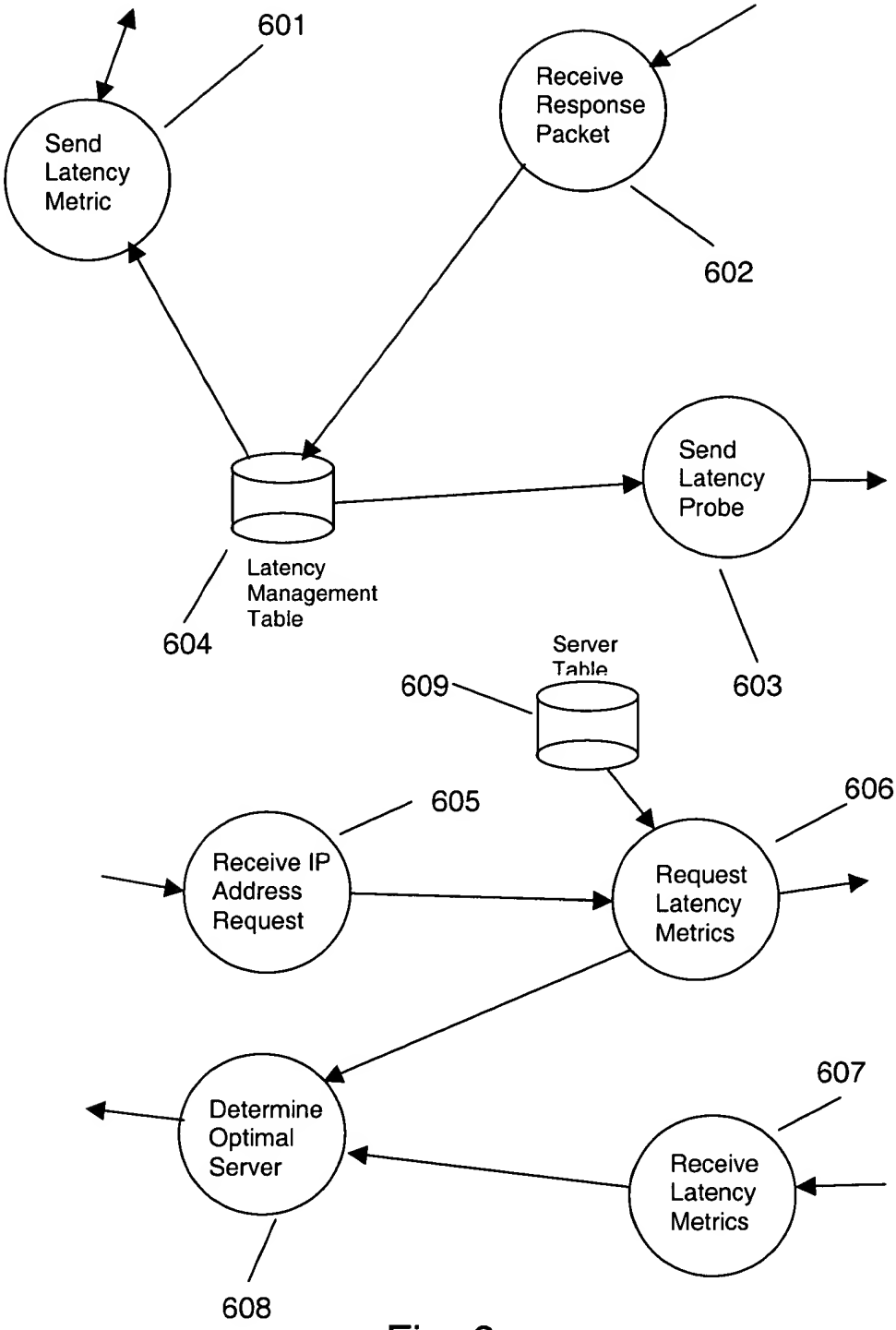
601
Send Latency Metric
Receive Response Packet
602
Send Latency Probe
Latency Management Table
604
603
Server Table
609
605
606
Receive IP Address Request
Request Latency Metrics
607
Determine Optimal Server
Receive Latency Metrics
608

Fig. 6